

MAY 27 2005

**PRINTER RUSH**  
(PTO ASSISTANCE)

Hc Query Check

Application : 09/771019 Examiner : Hir, Joseph GAU : 2121

From : SEC Location : IDC FMF FDC Date : 5/19/05

Tracking #:

Week Date: \_\_\_\_\_

Attn: Chief Draftsperson

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> <u>DRW</u>	<u>06-14-2001</u>	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: Attention - Chief Draftsperson: Sheet 3 of drawings  
(containing figure 7) is missing. Please provide the missing sheet/figure.

Thank You  
SEC

[XRUSH] RESPONSE: \_\_\_\_\_

P10-948 is issued to request the filing  
of Fig. 3.

INITIALS: AD

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 6/14/01 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3-sets required).

☒ Color drawings are not acceptable until petition is granted. Fig(s) 3

☐ Pencil and non black ink not permitted. Fig(s)       

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s)       

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s)       

☐ Poor quality (half-tone). Fig(s)       

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s)       

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s)       

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s)       

☐ Drawings sheets not an acceptable size. Fig(s)       

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s)       

☐ Top (T) ☐ Left (L)

☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s)       

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s)       

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)       

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s)       

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s)       

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s)       

☐ Solid black shading not permitted. Fig(s)       

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s)       

☐ Figure legends are poor. Fig(s)       

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s)       

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s)       

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s)       

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s)       

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s)       

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)       

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s)       

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s)       

**COMMENTS:**

- fig. 3 is missing from drawings dated 6/14/01. Submission of fig. 3 is req'd.

Reviewer A.D.Date 5/27/05

If you have questions, call (703) 305-8404.

Attachment to Paper No.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMES APPLICANT	ATTORNEY DOCKET NUMBER
09/771,019	01/26/01	Frank C. Hoppensteadt	9138-23

Thomas D. MacBlain  
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2575 East Camelback Road  
Phoenix, AZ 85016

Examine  
Hiri  
Art Unit  
2121

Paper Number

Date Mailed: 05-27-05

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 06/14/01 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

#### RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

ANHDAO DOAN  
703 - 305 - 0333 Ext. 136